

01/18/01

PTO/SB/05 (08-00)

Approved for use through 10/31/2002 OMB 0651-0032

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 47181-00193USP1

First Inventor Gary W. Scott

Title DETECTION OF ARCING FAULTS USING BIFURCATED
WIRING SYSTEM

Express Mail Label No. ek506616267US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 19]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D Invention
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 USC 113) [Total Sheets 2]
5. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))

(for continuation/divisional with Box 17 completed)

 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:
Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

Accompanying Application Parts

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Other Check for filing fees of \$926.00

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

Continuation Divisional Continuation-in-part (CIP) of prior application No: 09/426,832, filed 10/26/99 and 09/026,203, filed 02/19/98

Prior application Information. Examiner Not Assigned Group/Art Unit: Not Assigned

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS23,932 Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or New correspondence address below

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CITY	Dallas	STATE	TX	ZIP CODE	75202-2799
COUNTRY	USA	TELEPHONE	312 425-	FAX	214 855-4588
Name (Print/Type)				Registration No. (Attorney/Agent)	
Signature	<i>John French</i>			Date	17 Jan. 01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT **(\$)** 926.00

Complete if Known	
Application Number	
Filing Date	
First Named Inventor	
Examiner Name	
Group Art Unit	
Attorney Docket Number	

JC 841 U.S. PTO
09/17/01

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																																																																																													
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number 10-0447/47181-00193USP1 Deposit Account Name Jenkens & Gilchrist <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				3. 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108	710	208	355	Reissue filing fee	0.00																																																																																																																																																																																																																																																												
114	150	214	75	Provisional filing fee	0.00																																																																																																																																																																																																																																																												
				SUBTOTAL (1)	(\$) 710.00																																																																																																																																																																																																																																																												
Total Claims 32 -20 =	Extra	Fee from below	Fee Paid																																																																																																																																																																																																																																																														
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103	18	203	9	Claims in excess of 20																																																																																																																																																																																																																																																													
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																																																																																													
104	270	204	135	Multiple dependent claim																																																																																																																																																																																																																																																													
109	80	209	40	Reissue independent claims over original patent																																																																																																																																																																																																																																																													
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105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																													
127	50	227	25	Surcharge - late provisional filing or cover sheet.																																																																																																																																																																																																																																																													
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																													
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																													
112	920	112	920	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																													
113	1,840	113	1,840	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																													
115	110	215	55	Extension for response within first month																																																																																																																																																																																																																																																													
116	390	216	195	Extension for response within second month																																																																																																																																																																																																																																																													
117	890	217	445	Extension for response within third month																																																																																																																																																																																																																																																													
118	1,390	218	695	Extension for response within fourth month																																																																																																																																																																																																																																																													
119	310	219	155	Notice of Appeal																																																																																																																																																																																																																																																													
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																																																																																													
121	270	221	135	Request for oral hearing																																																																																																																																																																																																																																																													
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																													
140	110	240	55	Petition to revive unavoidably abandoned application																																																																																																																																																																																																																																																													
141	1,240	241	620	Petition to revive unintentionally abandoned application																																																																																																																																																																																																																																																													
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																																																																																																																																																													
143	440	243	220	Design issue fee																																																																																																																																																																																																																																																													
144	600	244	300	Plant issue fee																																																																																																																																																																																																																																																													
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																													
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																																																																																													
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																													
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																													
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																													
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																													
Other fee (specify) _____																																																																																																																																																																																																																																																																	
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* Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																																																																	

SUBMITTED BY		Complete (if applicable)			
Typed or Printed Name	Roger J French	Reg. Number	27,786	Telephone	(312) 425-8540
Signature	<i>Roger J French</i>			Date	01/17/2001